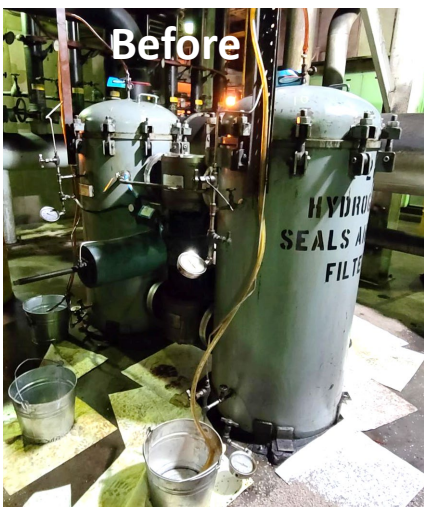
Replacement Duplex Seal Oil Filters

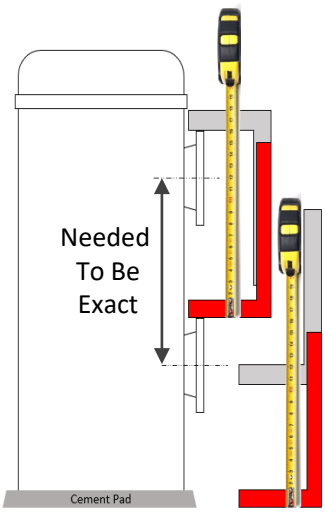
Background

A 3,000 Megawatt coal fired power plant in the Midwest had issues with oil leaks from their aging duplex filter system on their seal oil line. Original discussions were centered around the request for new housings with specific lid closure options. Northeast filter was contacted to provide replacement filter housings and guidance in selecting a new lid closure to prevent future leaks. As discussion progressed between both parties the power plant also had one final request. In their perfect world they would still be able to use the existing transfer valve with the new filter housings. As a result, they requested filters with inlets and outlets that would align with the existing transfer valve.

Solution

As filter housing discussions progressed and lid closure options narrowed down to a flanged closure the next step was to provide a custom housing to dimensionally match up to their current transfer valve. To meet the customers request representatives from the Northeast Filter & Equipment Co traveled to the power plant and gathered detailed information to provide “drop-in” replacement filter housings. Working side by side with our manufacturer, Northeast Filter was able to provide replacement filter housings with customized inlet and outlet locations to use the transfer valve already in place. The housings were delivered on time before the plant shut down and the customer was able to finish the installation with ease and without any piping adjustments.





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